



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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Bib Data Sheet

**CONFIRMATION NO. 8131** 

SERIAL NUMBER 09/981,277	FILING DATE 10/17/2001 RULE	CLASS 438	GROUP AR	TUNIT	ATTORNEY DOCKET NO. 10991744-4	
APPLICANTS	Su					
Janice Nickel,	Sunnyvale, CA;					
	[A ***************					
THIS APPLICA	ATION IS A DIV OF 09/5	14,934 02/28/2000				
* FOREIGN APPLIC	ATIONS ************************************	hann .				
IF REQUIRED, FORE ** 11/16/2001	EIGN FILING LICENSE	GRANTED				
Foreign Priority claimed	yes 🔀 no					
35 USC 119 (a-d) conditions		STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS	
Verified and	Allowance	CA	4	9	2	
Acknowledged EX	aminer's Signature Init	tials				
ADDRESS HEWLETT PACKARI	COMPANY					
ntellectual Property A						
P.O. Box 272400						
Fort Collins ,CO 8052				<del></del>		
TITLE 9#/0. \$	pin Dependent tunne	Thomaline )	aclian T	halled to	I Fa to a season	
MRAM device includio	ng spin depende <del>nt tunn</del> s	ling junction memory	UCL AS T	MEDANT IUM	is tromagn	
haper the wing Flathered Peaks				Fees		
Teams of the season of the sea						
1				1.16 Fees (Filing)		
RECEIVED No.	S: Authority has been gi	edit DEPOSIT ACCOL	INT time)	☐ 1.17 Fees ( Processing Ext. of time )		
740 No	for following:		<b>□</b> 1.1	☐ 1.18 Fees (Issue)		
j			Oth	Other		
į			□ Cra	☐ Credit		
				- MIL		